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**1 Non-radiographic analysis of the pediatric spine in adolescent idiopathic scoliosis***Tulchin, K.L.; Harris, G.F.; Xue-Cheng Liu; Thometz, J.;*

[Engineering in Medicine and Biology, 1999. 21st Annual Conf. and the 1999 Annual Fall Meeting of the Biomedical Engineering Soc.] BMES/EMBS Conference 1999. Proceedings of the First Joint, Volume: 1, 13-16 Oct. 1999

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[\[Abstract\]](#)[\[PDF Full-Text \(116 KB\)\]](#)

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**2 Fast measurement of SEP for monitoring spinal cord during scoliosis***Fung, K.S.M.; Du, M.H.; Liu, W.Q.; Chan, F.H.Y.; Lam, F.K.; Luk, D.K.; Hu, Y.*

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**4 A low power wireless load monitoring system for the treatment of scoliosis***Lou, E.; Raso, J.; Hill, D.; Durdle, N.G.;*

Instrumentation and Measurement, IEEE Transactions on , Volume: 51 , Issue 5 , Oct. 2002  
Pages:908 - 911

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*Durdle, N.G.; Raso, V.J.; Hill, D.L.; Peterson, A.E.;*

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*Batouche, M.; Benlamri, R.;*

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**11 Three-dimensional (3-D) reconstruction of the spine from a single image and prior vertebra models**

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Biomedical Engineering, IEEE Transactions on , Volume: 51 , Issue: 9 , Sept. Pages:1628 - 1639

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**12 A system for measuring pressures exerted by braces in the treatment of scoliosis**

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Pages:37 - 41

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**14 The simplified spine modeling by 3-D Bezier curve based on the orthogonal spinal radiographic images**

*Hong Lin;*

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**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard16 **A low power hybrid posture monitoring system***Bazzarelli, M.; Durdle, N.; Lou, E.; Raso, J.;*

Electrical and Computer Engineering, 2001. Canadian Conference on , Volume 2 , 13-16 May 2001

Pages:1373 - 1377 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**17 **Surface modeling methods: correlation vs. unique feature extraction***Cowley, T.G.; Hill, D.L.; Durdle, N.G.; Peterson, A.; Raso, V.J.;*

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20 **Intraoperative use of transcranial magnetic motor-evoked potentials**  
*Shields, C.B.; Edmonds, H.L., Jr.; Paloheimo, M.; Johnson, J.R.; Holt, R.T.;*  
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21 **Automatic scoliosis detection based on local centroids evaluation of moire topographic images of human backs**  
*Hyoung Seop Kim; Ishikawa, S.; Ohtsuka, Y.; Shimizu, H.; Shinomiya, T.;*  
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24 **An improved structured light technique for surface reconstruction of human trunk**  
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Pages:874 - 877 vol.2

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